

Recombinant Human HIPK1, GST-tagged

Cat. No. HIPK1-524H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human HIPK1 (156-555aa) was expressed in Sf21 cells using an N-terminal GST tag.
Species	Human
Source	Sf21 Cells
Protein Length	156-555 a.a.
Description	The protein encoded by this gene belongs to the Ser/Thr family of protein kinases and HIPK subfamily. It phosphorylates homeodomain transcription factors and may also function as a co-repressor for homeodomain transcription factors. Alternative splicing results in four transcript variants encoding four distinct isoforms.
Purity	90%.
Unit Definition	1 unit equals 1 nanogram of purified protein.
Buffer	Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Storage	Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

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GENE INFORMATION

Gene Name	HIPK1 homeodomain interacting protein kinase 1 [Homo sapiens]
Synonyms	HIPK1; homeodomain interacting protein kinase 1; Myak; Nbak2; KIAA0630; MGC26642; MGC33446; MGC33548; HIPK1; homeodomain-interacting protein kinase 1; nuclear body associated kinase 2b; homeodomain interacting protein kinase 1-like protein; EC 2.7.11.1
Gene ID	204851
mRNA Refseq	NM_152696
Protein Refseq	NP_689909
MIM	608003
UniProt ID	Q86Z02
Chromosome Location	1p13
Function	ATP binding; nucleotide binding; protein binding; protein serine/threonine kinase activity; transferase activity

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